

umping-off expeditions managed to secure
some fair specimens. I immediately util-

mine by using it as a cornucopia for my flowers, and very cheery it was. There are many skeletons of cattle scattered over the vast surface of these plains, fallen by the way—and thus attracting the buzzards or carrion birds, which, though certainly not a pleasing feature, are, for the circumstances, a great necessity. At these are only some of the features to transit over this Sahara—I do not tell of the cloud effects; or of the fine, cool, exhilarating atmosphere; or of the curious and primitive habits of some of the severely few inhabitants, and much else. I have seen one, which I much fear I have already exhausted, preclude all and, besides, I want something for the note.

M. P. C.

NOTE. Enter the rain held up, and I am a ride to the borders of this enterprising of the West.]

Portrait.

DUBOC SWINE

led and sandy hogs, called Duror, have been bred in parts of New York, for more than 100 years. They have been increased upon other breeds during all the years, and have acquired the typical characteristics of the original strain brought into the county about the year 1700. The Duror swine are bred in Kelsey, of the town of Florida, Montgomery County, N. Y., who claimed to have been the first to introduce the breed. Frink's pig, from England. Mr. Kelsey the owner of the celebrated horse Duror, and the first to introduce the breed into Duror, in honor of the horse by that name.

Duror pigs were popular and spread to Washington and adjacent counties, where they are still bred. They are undoubtedly the best of the breed. The Jersey Reds, now bred in the State of New Jersey, and huge county of New York, are said to be descended from the Duror. They were probably an offshoot or family of old-fashioned Durors, and are not so large as the Durors. National Swine Breeders' Convention, no one has yet controverted this. The old Durors are still bred in the State of New York, and at the present time this characteristic breaks out in the form of plain, sandy hogs, called Durors. It is very remarkable that one pig should have so

progeny that at times
ons exhibit more or l
d type. Some of the

being up to the modern Herkies to such an extent that they are not only being erect and the body shortened, but the inevitable red, or sandy color, is carried down the neck and into the body. It is the true Duroc, as now bred by those who are aiming to keep the breed perfect and true to type. The body is short and quite deep-bodied, not round but flat on the back and holding the width of the chest. The hindquarters should be small compared with the body, and the chest should be broad and deep, with short and thick, and the face short and thick. The nose rather long and straight, the ears rather small, the eyes are fine-lined nor yet coarse, but medium in size, and the hair is short and smooth, and under the body and well apart, and not matted up high in the flank or above the knee. The hair should be short and smooth to the hock. There should be a good deal of hair of medium fineness, inclining to the red, and the hair on the head should be short and fine and not small; the hair, usually short and fine, but in some cases a little wavy. The hair on the neck should be short and glossy cherry red, and even brownish red, to light yellowish red, with occasional black hairs. The darker shades of red are preferred to the lighter. A good disposition, and a more fearless disposition, is better.

They are kind and can be wonderfully prolific. They have

ability to digest food and to make the most of the food they eat. They are also perfect in the proportions of their bodies, and the strong blood which circulates through them is the result of a century. It is a common thing which we see at six months of age to weigh from 20 to 30 pounds and to measure from 30 to 36 inches. A year old calf weighs from 400 to 500 pounds. Heger says a year and a half old male weighed from 700 to 800 pounds and measured from 48 to 54 inches. A two year old male weighed from 1,000 to 1,200 pounds and measured from 60 to 72 inches. A three year old male weighed from 1,200 to 1,400 pounds and measured from 72 to 84 inches. A four year old male weighed from 1,400 to 1,600 pounds and measured from 84 to 96 inches. A five year old male weighed from 1,600 to 1,800 pounds and measured from 96 to 108 inches. A six year old male weighed from 1,800 to 2,000 pounds and measured from 108 to 120 inches. A seven year old male weighed from 2,000 to 2,200 pounds and measured from 120 to 132 inches. A eight year old male weighed from 2,200 to 2,400 pounds and measured from 132 to 144 inches. A nine year old male weighed from 2,400 to 2,600 pounds and measured from 144 to 156 inches. A ten year old male weighed from 2,600 to 2,800 pounds and measured from 156 to 168 inches. A eleven year old male weighed from 2,800 to 3,000 pounds and measured from 168 to 180 inches. A twelve year old male weighed from 3,000 to 3,200 pounds and measured from 180 to 192 inches. A thirteen year old male weighed from 3,200 to 3,400 pounds and measured from 192 to 204 inches. A fourteen year old male weighed from 3,400 to 3,600 pounds and measured from 204 to 216 inches. A fifteen year old male weighed from 3,600 to 3,800 pounds and measured from 216 to 228 inches. A sixteen year old male weighed from 3,800 to 4,000 pounds and measured from 228 to 240 inches. A seventeen year old male weighed from 4,000 to 4,200 pounds and measured from 240 to 252 inches. A eighteen year old male weighed from 4,200 to 4,400 pounds and measured from 252 to 264 inches. A nineteen year old male weighed from 4,400 to 4,600 pounds and measured from 264 to 276 inches. A twenty year old male weighed from 4,600 to 4,800 pounds and measured from 276 to 288 inches. A twenty one year old male weighed from 4,800 to 5,000 pounds and measured from 288 to 300 inches. A twenty two year old male weighed from 5,000 to 5,200 pounds and measured from 300 to 312 inches. A twenty three year old male weighed from 5,200 to 5,400 pounds and measured from 312 to 324 inches. A twenty four year old male weighed from 5,400 to 5,600 pounds and measured from 324 to 336 inches. A twenty five year old male weighed from 5,600 to 5,800 pounds and measured from 336 to 348 inches. A twenty six year old male weighed from 5,800 to 6,000 pounds and measured from 348 to 360 inches. A twenty seven year old male weighed from 6,000 to 6,200 pounds and measured from 360 to 372 inches. A twenty eight year old male weighed from 6,200 to 6,400 pounds and measured from 372 to 384 inches. A twenty nine year old male weighed from 6,400 to 6,600 pounds and measured from 384 to 396 inches. A thirty year old male weighed from 6,600 to 6,800 pounds and measured from 396 to 408 inches. A thirty one year old male weighed from 6,800 to 7,000 pounds and measured from 408 to 420 inches. A thirty two year old male weighed from 7,000 to 7,200 pounds and measured from 420 to 432 inches. A thirty three year old male weighed from 7,200 to 7,400 pounds and measured from 432 to 444 inches. A thirty four year old male weighed from 7,400 to 7,600 pounds and measured from 444 to 456 inches. A thirty five year old male weighed from 7,600 to 7,800 pounds and measured from 456 to 468 inches. A thirty six year old male weighed from 7,800 to 8,000 pounds and measured from 468 to 480 inches. A thirty seven year old male weighed from 8,000 to 8,200 pounds and measured from 480 to 492 inches. A thirty eight year old male weighed from 8,200 to 8,400 pounds and measured from 492 to 504 inches. A thirty nine year old male weighed from 8,400 to 8,600 pounds and measured from 504 to 516 inches. A forty year old male weighed from 8,600 to 8,800 pounds and measured from 516 to 528 inches. A forty one year old male weighed from 8,800 to 9,000 pounds and measured from 528 to 540 inches. A forty two year old male weighed from 9,000 to 9,200 pounds and measured from 540 to 552 inches. A forty three year old male weighed from 9,200 to 9,400 pounds and measured from 552 to 564 inches. A forty four year old male weighed from 9,400 to 9,600 pounds and measured from 564 to 576 inches. A forty five year old male weighed from 9,600 to 9,800 pounds and measured from 576 to 588 inches. A forty six year old male weighed from 9,800 to 10,000 pounds and measured from 588 to 600 inches. A forty seven year old male weighed from 10,000 to 10,200 pounds and measured from 600 to 612 inches. A forty eight year old male weighed from 10,200 to 10,400 pounds and measured from 612 to 624 inches. A forty nine year old male weighed from 10,400 to 10,600 pounds and measured from 624 to 636 inches. A fifty year old male weighed from 10,600 to 10,800 pounds and measured from 636 to 648 inches. A fifty one year old male weighed from 10,800 to 11,000 pounds and measured from 648 to 660 inches. A fifty two year old male weighed from 11,000 to 11,200 pounds and measured from 660 to 672 inches. A fifty three year old male weighed from 11,200 to 11,400 pounds and measured from 672 to 684 inches. A fifty four year old male weighed from 11,400 to 11,600 pounds and measured from 684 to 696 inches. A fifty five year old male weighed from 11,600 to 11,800 pounds and measured from 696 to 708 inches. A fifty six year old male weighed from 11,800 to 12,000 pounds and measured from 708 to 720 inches. A fifty seven year old male weighed from 12,000 to 12,200 pounds and measured from 720 to 732 inches. A fifty eight year old male weighed from 12,200 to 12,400 pounds and measured from 732 to 744 inches. A fifty nine year old male weighed from 12,400 to 12,600 pounds and measured from 744 to 756 inches. A sixty year old male weighed from 12,600 to 12,800 pounds and measured from 756 to 768 inches. A sixty one year old male weighed from 12,800 to 13,000 pounds and measured from 768 to 780 inches. A sixty two year old male weighed from 13,000 to 13,200 pounds and measured from 780 to 792 inches. A sixty three year old male weighed from 13,200 to 13,400 pounds and measured from 792 to 804 inches. A sixty four year old male weighed from 13,400 to 13,600 pounds and measured from 804 to 816 inches. A sixty five year old male weighed from 13,600 to 13,800 pounds and measured from 816 to 828 inches. A sixty six year old male weighed from 13,800 to 14,000 pounds and measured from 828 to 840 inches. A sixty seven year old male weighed from 14,000 to 14,200 pounds and measured from 840 to 852 inches. A sixty eight year old male weighed from 14,200 to 14,400 pounds and measured from 852 to 864 inches. A sixty nine year old male weighed from 14,400 to 14,600 pounds and measured from 864 to 876 inches. A seventy year old male weighed from 14,600 to 14,800 pounds and measured from 876 to 888 inches. A seventy one year old male weighed from 14,800 to 15,000 pounds and measured from 888 to 900 inches. A seventy two year old male weighed from 15,000 to 15,200 pounds and measured from 900 to 912 inches. A seventy three year old male weighed from 15,200 to 15,400 pounds and measured from 912 to 924 inches. A seventy four year old male weighed from 15,400 to 15,600 pounds and measured from 924 to 936 inches. A seventy five year old male weighed from 15,600 to 15,800 pounds and measured from 936 to 948 inches. A seventy six year old male weighed from 15,800 to 16,000 pounds and measured from 948 to 960 inches. A seventy seven year old male weighed from 16,000 to 16,200 pounds and measured from 960 to 972 inches. A seventy eight year old male weighed from 16,200 to 16,400 pounds and measured from 972 to 984 inches. A seventy nine year old male weighed from 16,400 to 16,600 pounds and measured from 984 to 996 inches. A eighty year old male weighed from 16,600 to 16,800 pounds and measured from 996 to 1008 inches. A eighty one year old male weighed from 16,800 to 17,000 pounds and measured from 1008 to 1020 inches. A eighty two year old male weighed from 17,000 to 17,200 pounds and measured from 1020 to 1032 inches. A eighty three year old male weighed from 17,200 to 17,400 pounds and measured from 1032 to 1044 inches. A eighty four year old male weighed from 17,400 to 17,600 pounds and measured from 1044 to 1056 inches. A eighty five year old male weighed from 17,600 to 17,800 pounds and measured from 1056 to 1068 inches. A eighty six year old male weighed from 17,800 to 18,000 pounds and measured from 1068 to 1080 inches. A eighty seven year old male weighed from 18,000 to 18,200 pounds and measured from 1080 to 1092 inches. A eighty eight year old male weighed from 18,200 to 18,400 pounds and measured from 1092 to 1104 inches. A eighty nine year old male weighed from 18,400 to 18,600 pounds and measured from 1104 to 1116 inches. A ninety year old male weighed from 18,600 to 18,800 pounds and measured from 1116 to 1128 inches. A ninety one year old male weighed from 18,800 to 19,000 pounds and measured from 1128 to 1140 inches. A ninety two year old male weighed from 19,000 to 19,200 pounds and measured from 1140 to 1152 inches. A ninety three year old male weighed from 19,200 to 19,400 pounds and measured from 1152 to 1164 inches. A ninety four year old male weighed from 19,400 to 19,600 pounds and measured from 1164 to 1176 inches. A ninety five year old male weighed from 19,600 to 19,800 pounds and measured from 1176 to 1188 inches. A ninety six year old male weighed from 19,800 to 20,000 pounds and measured from 1188 to 1200 inches. A ninety seven year old male weighed from 20,000 to 20,200 pounds and measured from 1200 to 1212 inches. A ninety eight year old male weighed from 20,200 to 20,400 pounds and measured from 1212 to 1224 inches. A ninety nine year old male weighed from 20,400 to 20,600 pounds and measured from 1224 to 1236 inches. A hundred year old male weighed from 20,600 to 20,800 pounds and measured from 1236 to 1248 inches. A hundred one year old male weighed from 20,800 to 21,000 pounds and measured from 1248 to 1260 inches. A hundred two year old male weighed from 21,000 to 21,200 pounds and measured from 1260 to 1272 inches. A hundred three year old male weighed from 21,200 to 21,400 pounds and measured from 1272 to 1284 inches. A hundred four year old male weighed from 21,400 to 21,600 pounds and measured from 1284 to 1296 inches. A hundred five year old male weighed from 21,600 to 21,800 pounds and measured from 1296 to 1308 inches. A hundred six year old male weighed from 21,800 to 22,000 pounds and measured from 1308 to 1320 inches. A hundred seven year old male weighed from 22,000 to 22,200 pounds and measured from 1320 to 1332 inches. A hundred eight year

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used to make the air
flexible than in human
rivers hive bees obser

gle one attempted to enter the mouth of the corolla, and it came out without going deeper than just within the opening. On the other hand, the mason bees and sweat bees went in every instance straight into the mouth of the flower, and never attempted to make a slit or to use one that was

er) was fully as large

